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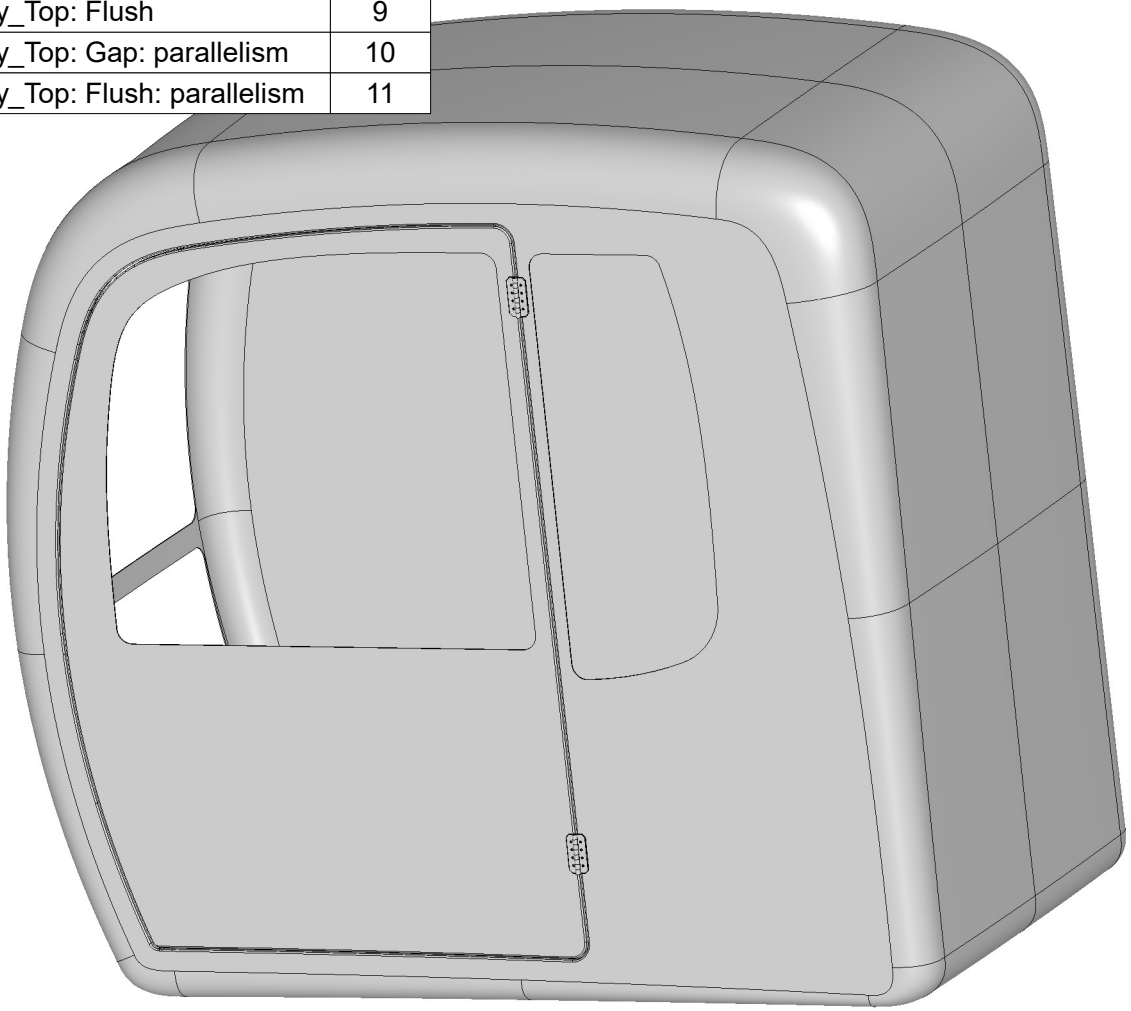

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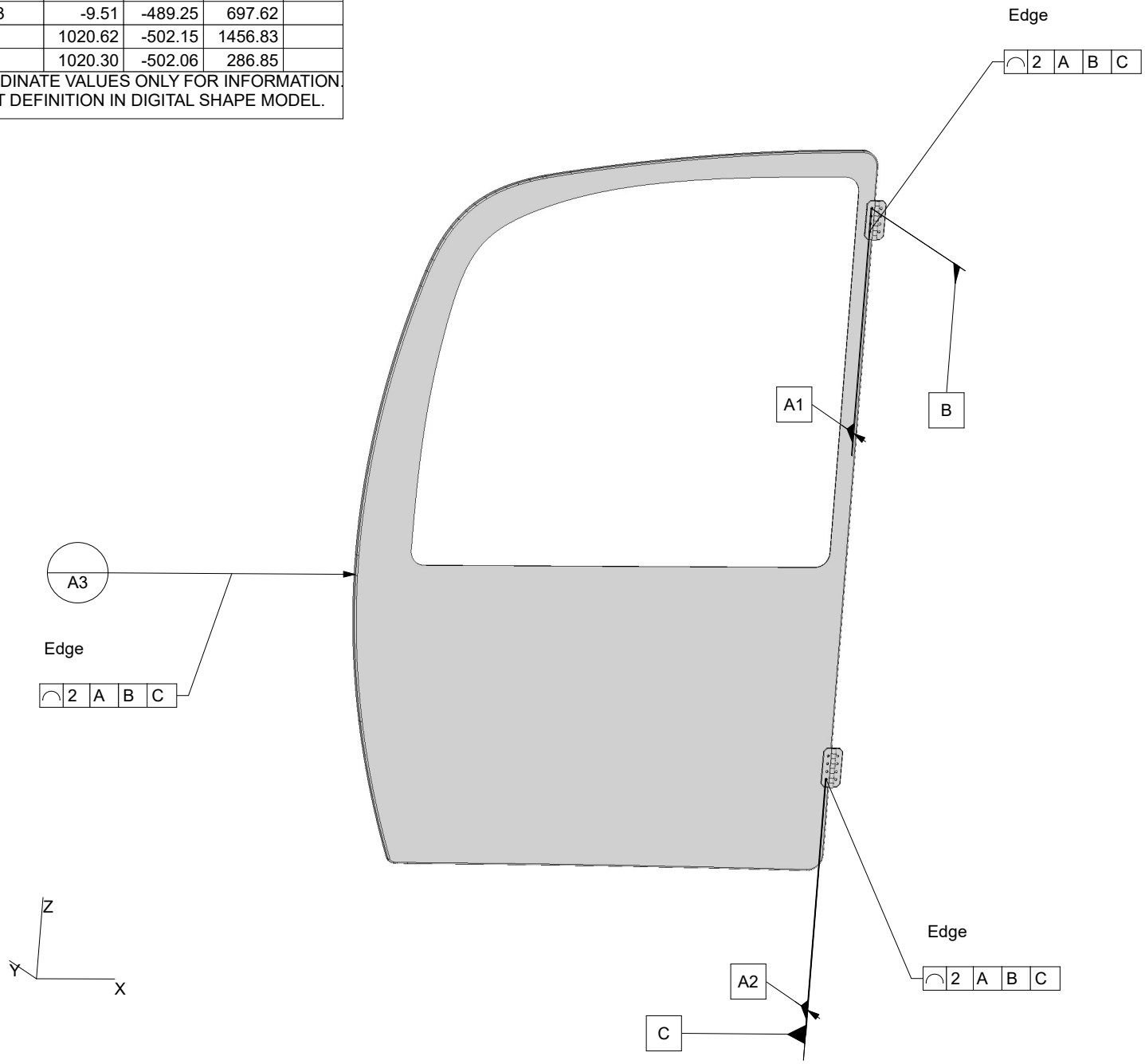
POINT NO.	X	Y	Z	NOTE
A1	1020.62	-502.15	1456.83	
A2	1020.30	-502.06	286.85	
A3	-9.51	-489.25	697.62	
B	1020.62	-502.15	1456.83	
C	1020.30	-502.06	286.85	

COORDINATE VALUES ONLY FOR INFORMATION.
EXACT DEFINITION IN DIGITAL SHAPE MODEL.



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Door_Assy_Top

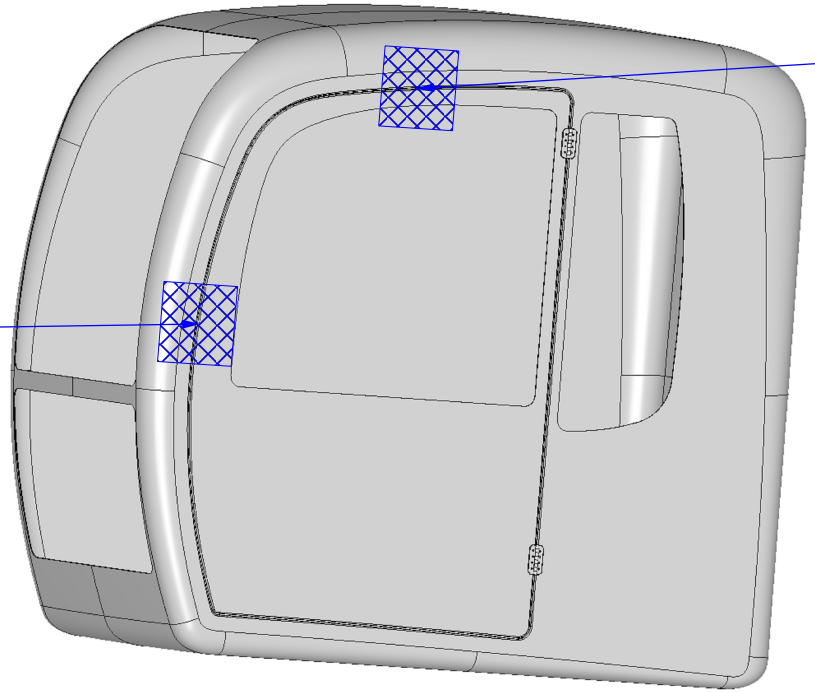
C 1.0±1.7//0.9
D 1±0.1//1

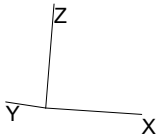
C -0.0±1.4//0.9
D 0±1//1

Door_Assy_Side

C 1.0±1.0//0.7
D 1±0.1//1

C -0.0±1.0//0.9
D 0±0.1





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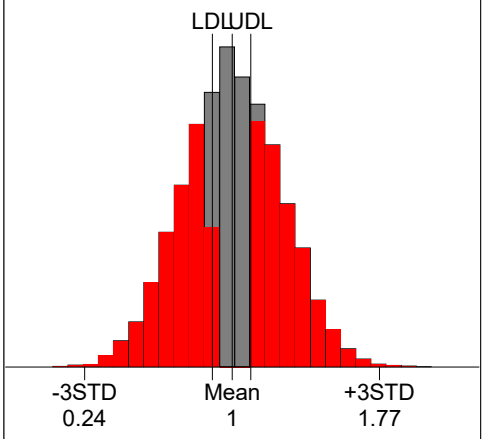
Door_Assy_Side: Gap

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		30.4%	2.00	1.50
2	Hinge_Bottom_Auto		30.3%	2.00	1.50
3	SubAssy01_Auto_2		15.9%	2.00	1.50
4	Hinge_Top_Auto		15.9%	2.00	1.50
5	SubAssy01_Auto_2		5.1%	2.00	1.50
6	Cab_MP4		1.0%	0.20	0.15
7	Door_MP4		1.0%	0.20	0.15
8	Hinge_Top_Auto		0.2%	2.00	1.50
9	SubAssy01_Auto_2		0.1%	2.00	1.50
10	Hinge_Bottom_Auto		0.0%	2.00	1.50
11	Hinge_Bottom_Auto		0.0%	2.00	1.50
12	SubAssy01_Auto_2		0.0%	2.00	1.50
13	Hinge_Top_Auto		0.0%	2.00	1.50
14	Hinge_Bottom_Auto		0.0%	2.00	1.50
15	Hinge_Bottom_Auto		0.0%	2.00	1.50
		RD&T SIMULATION (8 sigma)		2.0	(69.75% Out)

The demand is calculated to 1.0 ± 1.0 mm

The demand is specified as 1 ± 0.1

Runs	10000	Min	0.0758
Cp	0.127	Max	2.04
Cpk	0.131	Range	1.96



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.41	0.00	0.01	0.00	0.00	0.41	0.04
Hinge_Bottom	0.56	0.01	0.01	0.01	0.00	0.56	0.00
Door	0.73	0.01	0.00	0.23	0.41	0.56	0.04

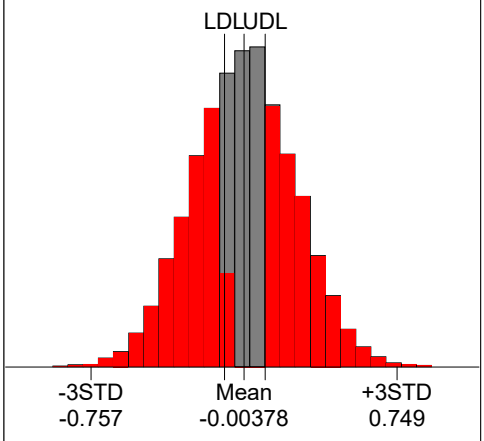
Door_Assy_Side: Flush

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		99.3%	2.00	1.50
2	SubAssy01_Auto_2		0.1%	2.00	1.50
3	Hinge_Bottom_Auto		0.1%	2.00	1.50
4	SubAssy01_Auto_2		0.1%	2.00	1.50
5	Hinge_Bottom_Auto		0.1%	2.00	1.50
6	Hinge_Top_Auto		0.1%	2.00	1.50
7	Door_MP4		0.1%	0.20	0.15
8	Cab_MP4		0.1%	0.20	0.15
9	Hinge_Bottom_Auto		0.1%	2.00	1.50
10	Hinge_Bottom_Auto		0.0%	2.00	1.50
11	SubAssy01_Auto_2		0.0%	2.00	1.50
12	Hinge_Top_Auto		0.0%	2.00	1.50
13	SubAssy01_Auto_2		0.0%	2.00	1.50
14	Hinge_Top_Auto		0.0%	2.00	1.50
15	Hinge_Top_Auto		0.0%	2.00	1.50
		RD&T SIMULATION (8 sigma)		2.0	(68.85% Out)

The demand is calculated to -0.0 ± 1.0 mm

The demand is specified as 0 ± 0.1

Runs	10000	Min	-0.944
Cp	0.128	Max	0.919
Cpk	0.133	Range	1.86



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.03	0.00	0.02	0.01	0.00	0.00	0.00
Hinge_Bottom	0.05	0.02	0.02	0.03	0.00	0.01	0.00
Door	1.00	0.03	0.04	1.00	0.00	0.01	0.00

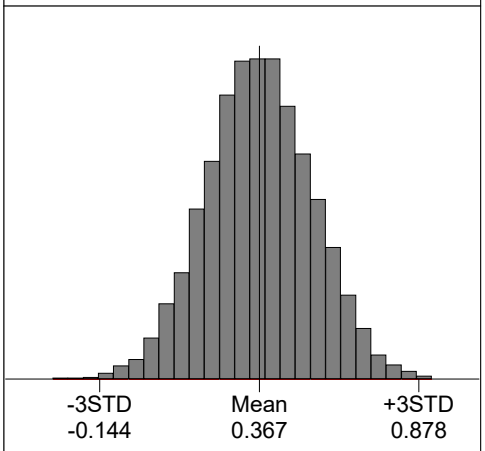
Door_Assy_Side: Gap Para

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		21.3%	2.00	1.50
2	Hinge_Top_Auto		21.1%	2.00	1.50
3	SubAssy01_Auto_2		14.5%	2.00	1.50
4	SubAssy01_Auto_2		8.9%	2.00	1.50
5	Hinge_Bottom_Auto		8.8%	2.00	1.50
6	Hinge_Top_Auto		8.2%	2.00	1.50
7	SubAssy01_Auto_2		8.1%	2.00	1.50
8	Cab_MP4		2.2%	0.20	0.15
9	Cab_MP3		2.2%	0.20	0.15
10	Door_MP3		2.2%	0.20	0.15
11	Door_MP4		2.2%	0.20	0.15
12	SubAssy01_Auto_2		0.1%	2.00	1.50
13	Hinge_Bottom_Auto		0.1%	2.00	1.50
14	SubAssy01_Auto_2		0.1%	2.00	1.50
15	Hinge_Top_Auto		0.1%	2.00	1.50
		RD&T SIMULATION (4 sigma)		0.7	(0.00% Out)

The parallelism demand is calculated to 0.7 mm

The demand is specified as 1

Runs	10000	Min	-0.293
Cp	1.95	Max	0.919
Cpk	1.96	Range	1.21



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.37	0.00	0.02	0.00	0.00	0.20	0.31
Hinge_Bottom	0.21	0.02	0.01	0.02	0.00	0.20	0.00
Door	0.50	0.02	0.02	0.26	0.19	0.20	0.31

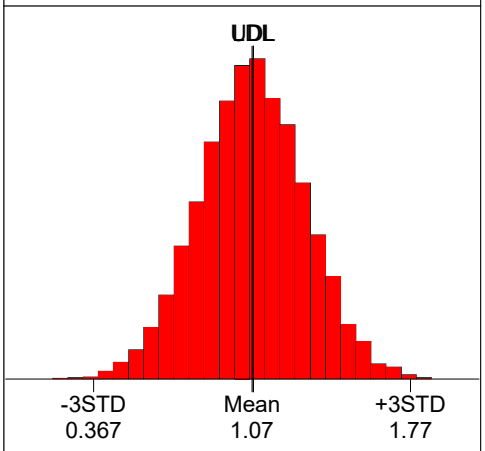
Door_Assy_Side: Flush Para

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		29.4%	2.00	1.50
2	SubAssy01_Auto_2		20.0%	2.00	1.50
3	Hinge_Bottom_Auto		17.6%	2.00	1.50
4	Hinge_Top_Auto		13.7%	2.00	1.50
5	Hinge_Bottom_Auto		9.2%	2.00	1.50
6	Hinge_Bottom_Auto		7.5%	2.00	1.50
7	Hinge_Top_Auto		1.3%	2.00	1.50
8	SubAssy01_Auto_2		0.9%	2.00	1.50
9	Hinge_Top_Auto		0.3%	2.00	1.50
10	Door_MP4		0.1%	0.20	0.15
11	Cab_MP4		0.1%	0.20	0.15
12	SubAssy01_Auto_2		0.0%	2.00	1.50
13	SubAssy01_Auto_2		0.0%	2.00	1.50
14	Cab_MP3		0.0%	0.20	0.15
15	Door_MP3		0.0%	0.20	0.15
		RD&T SIMULATION (4 sigma)		0.9	(100.00% Out)

The parallelism demand is calculated to 0.9 mm

The demand is specified as 0

Runs	10000	Min	0.188
Cp	-0.0077	Max	1.86
Cpk	0	Range	1.67



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.36	0.05	0.34	0.11	0.00	0.00	0.00
Hinge_Bottom	0.54	0.28	0.26	0.39	0.00	0.00	0.00
Door	0.66	0.50	0.42	0.09	0.01	0.01	0.00

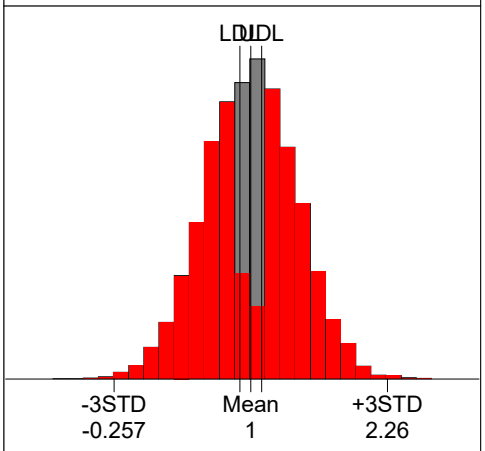
Door_Assy_Top: Gap

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	Hinge_Top_Auto		34.3%	2.00	1.50
2	SubAssy01_Auto_2		34.1%	2.00	1.50
3	Hinge_Bottom_Auto		10.0%	2.00	1.50
4	SubAssy01_Auto_2		10.0%	2.00	1.50
5	SubAssy01_Auto_2		5.5%	2.00	1.50
6	Hinge_Top_Auto		5.3%	2.00	1.50
7	Cab_MP2		0.3%	0.20	0.15
8	Door_MP2		0.3%	0.20	0.15
9	SubAssy01_Auto_2		0.0%	2.00	1.50
10	SubAssy01_Auto_2		0.0%	2.00	1.50
11	SubAssy01_Auto_2		0.0%	2.00	1.50
12	Hinge_Top_Auto		0.0%	2.00	1.50
13	Hinge_Bottom_Auto		0.0%	2.00	1.50
14	Hinge_Bottom_Auto		0.0%	2.00	1.50
15	Hinge_Bottom_Auto		0.0%	2.00	1.50
		RD&T SIMULATION (8 sigma)		3.4	(81.94% Out)

The demand is calculated to 1.0 ± 1.7 mm

The demand is specified as 1 ± 0.1

Runs	10000	Min	-0.817
Cp	0.0786	Max	2.66
Cpk	0.0795	Range	3.48



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	1.07	0.00	0.02	0.00	0.00	0.39	0.99
Hinge_Bottom	0.54	0.01	0.01	0.01	0.00	0.54	0.00
Door	1.19	0.03	0.02	0.02	0.40	0.54	0.99

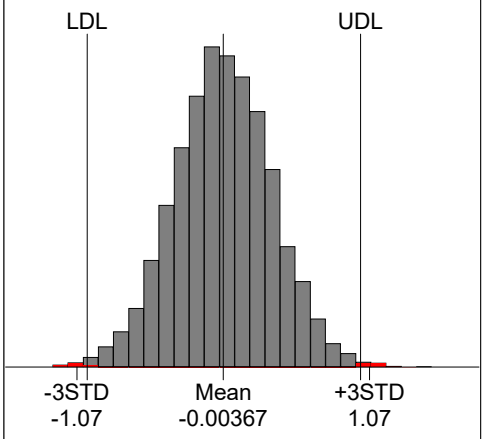
Door_Assy_Top: Flush

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		34.5%	2.00	1.50
2	SubAssy01_Auto_2		19.0%	2.00	1.50
3	Hinge_Top_Auto		16.0%	2.00	1.50
4	SubAssy01_Auto_2		10.5%	2.00	1.50
5	Hinge_Bottom_Auto		9.2%	2.00	1.50
6	Hinge_Bottom_Auto		4.8%	2.00	1.50
7	Hinge_Bottom_Auto		4.0%	2.00	1.50
8	Hinge_Top_Auto		1.5%	2.00	1.50
9	Hinge_Top_Auto		0.4%	2.00	1.50
10	SubAssy01_Auto_2		0.0%	2.00	1.50
11	Hinge_Bottom_Auto		0.0%	2.00	1.50
12	Door_MP2		0.0%	0.20	0.15
13	Cab_MP2		0.0%	0.20	0.15
14	Hinge_Top_Auto		0.0%	2.00	1.50
15	SubAssy01_Auto_2		0.0%	2.00	1.50
		RD&T SIMULATION (8 sigma)		2.9	(0.65% Out)

The demand is calculated to -0.0 ± 1.4 mm

The demand is specified as 0 ± 1

Runs	10000	Min	-1.25
Cp	0.93	Max	1.52
Cpk	0.934	Range	2.77



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.61	0.09	0.57	0.18	0.00	0.00	0.00
Hinge_Bottom	0.61	0.31	0.29	0.44	0.00	0.01	0.00
Door	1.14	0.84	0.46	0.62	0.01	0.00	0.00

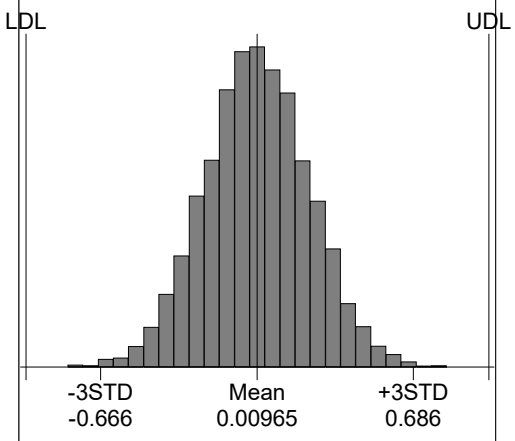
Door_Assy_Top: Gap Para

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	Hinge_Bottom_Auto		31.7%	2.00	1.50
2	SubAssy01_Auto_2		31.7%	2.00	1.50
3	SubAssy01_Auto_2		15.8%	2.00	1.50
4	Hinge_Top_Auto		15.8%	2.00	1.50
5	Cab_MP1		1.2%	0.20	0.15
6	Cab_MP2		1.2%	0.20	0.15
7	Door_MP2		1.2%	0.20	0.15
8	Door_MP1		1.2%	0.20	0.15
9	SubAssy01_Auto_2		0.0%	2.00	1.50
10	SubAssy01_Auto_2		0.0%	2.00	1.50
11	Hinge_Bottom_Auto		0.0%	2.00	1.50
12	Hinge_Bottom_Auto		0.0%	2.00	1.50
13	Hinge_Bottom_Auto		0.0%	2.00	1.50
14	SubAssy01_Auto_2		0.0%	2.00	1.50
15	Hinge_Top_Auto		0.0%	2.00	1.50
		RD&T SIMULATION (4 sigma)		0.9	(0.00% Out)

The parallelism demand is calculated to 0.9 mm

The demand is specified as 1

Runs	10000	Min	-0.807
Cp	1.48	Max	0.829
Cpk	1.48	Range	1.64



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.36	0.00	0.00	0.00	0.00	0.36	0.01
Hinge_Bottom	0.51	0.01	0.01	0.01	0.00	0.51	0.00
Door	0.63	0.00	0.02	0.02	0.36	0.51	0.01

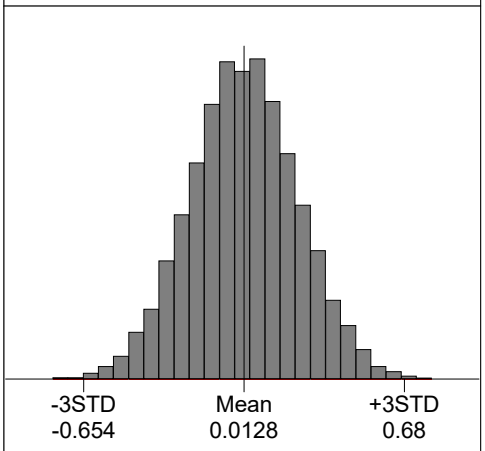
Door_Assy_Top: Flush Para

Static Variation	Tolerance Name	Comments	Contr. %	Tol.	6s
1	SubAssy01_Auto_2		45.8%	2.00	1.50
2	SubAssy01_Auto_2		15.5%	2.00	1.50
3	Hinge_Bottom_Auto		13.6%	2.00	1.50
4	SubAssy01_Auto_2		8.0%	2.00	1.50
5	Hinge_Bottom_Auto		7.1%	2.00	1.50
6	Hinge_Bottom_Auto		5.8%	2.00	1.50
7	Hinge_Top_Auto		3.7%	2.00	1.50
8	Hinge_Top_Auto		0.4%	2.00	1.50
9	Hinge_Top_Auto		0.1%	2.00	1.50
10	Hinge_Bottom_Auto		0.0%	2.00	1.50
11	Door_MP1		0.0%	0.20	0.15
12	Cab_MP1		0.0%	0.20	0.15
13	Door_MP2		0.0%	0.20	0.15
14	Cab_MP2		0.0%	0.20	0.15
15	Hinge_Top_Auto		0.0%	2.00	1.50
		RD&T SIMULATION (4 sigma)		0.9	(0.00% Out)

The parallelism demand is calculated to 0.9 mm

The demand is specified as 1

Runs	10000	Min	-0.782
Cp	1.5	Max	0.793
Cpk	1.5	Range	1.57



P-Frame	RSS	A1	A2	A3	B1	B2	C1
Hinge_Top	0.18	0.03	0.17	0.05	0.00	0.00	0.00
Hinge_Bottom	0.46	0.24	0.21	0.33	0.00	0.00	0.00
Door	0.74	0.25	0.35	0.60	0.00	0.00	0.00

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